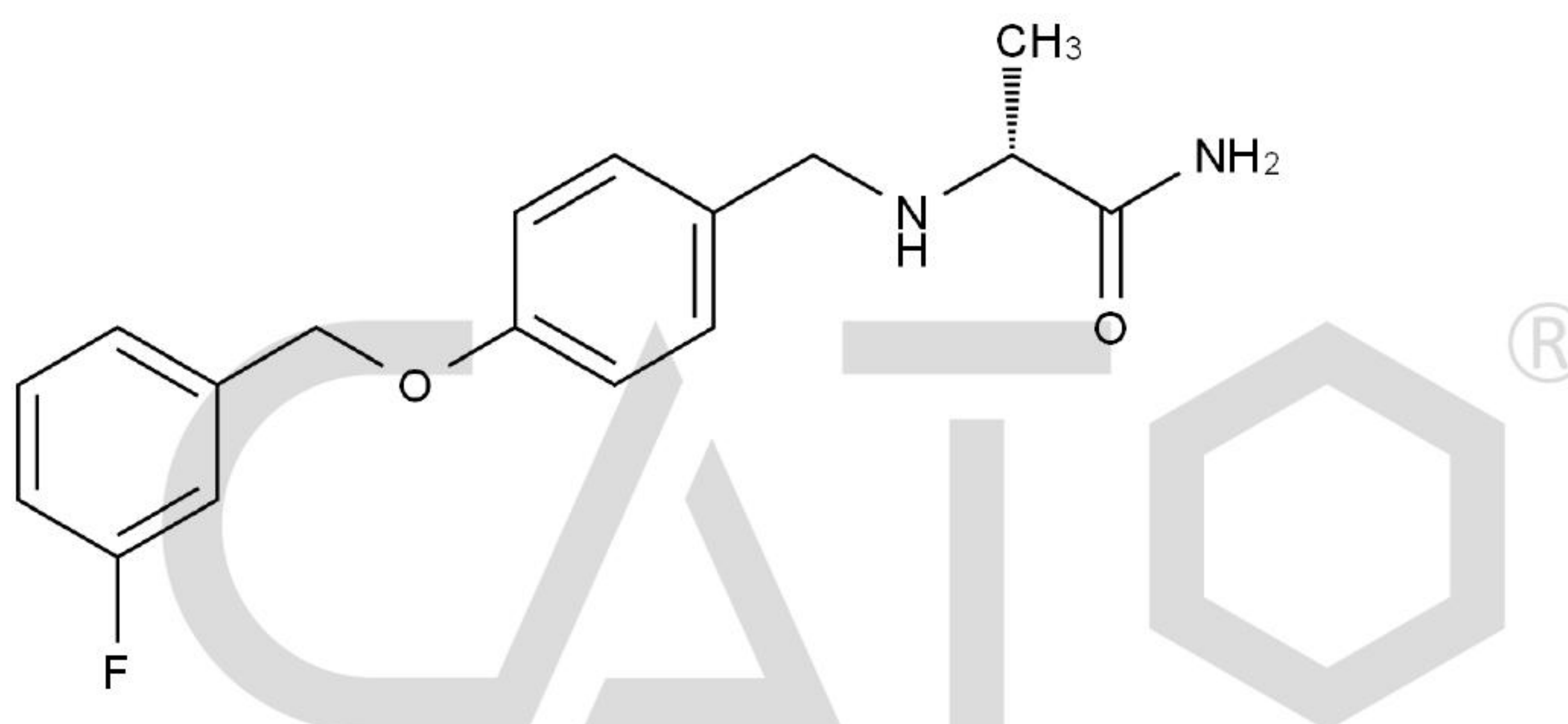


Certificate of Analysis

Reference Material & Standard

Product Name:	Safinamide impurity 6	Catalogue Number:	C4X-15906
Synonyms:	(R)-2-[[4-([3-Fluorobenzyl]oxy)benzyl]amino]propanamide	Lot Number:	0313-RH-0052
CAS Number:	174756-44-6	Expiry Date:	Mar 17, 2030
Molecular Formula:	C ₁₇ H ₁₉ FN ₂ O ₂	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	302.34	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.535%
Residue on Ignition	TGA	4.0576%
Loss On Drying	TGA	1.4583%
Assay	qNMR	93.0%
Assay	Mass Balance	94.0%

Comment:

- The retest date of this product is Mar 17, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Mar 18, 2026

Date: Mar 18, 2026

Date: Mar 18, 2026



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